

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020273.D
 Acq On : 12 Nov 2024 17:22
 Operator : SY/MD
 Sample : P4811-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

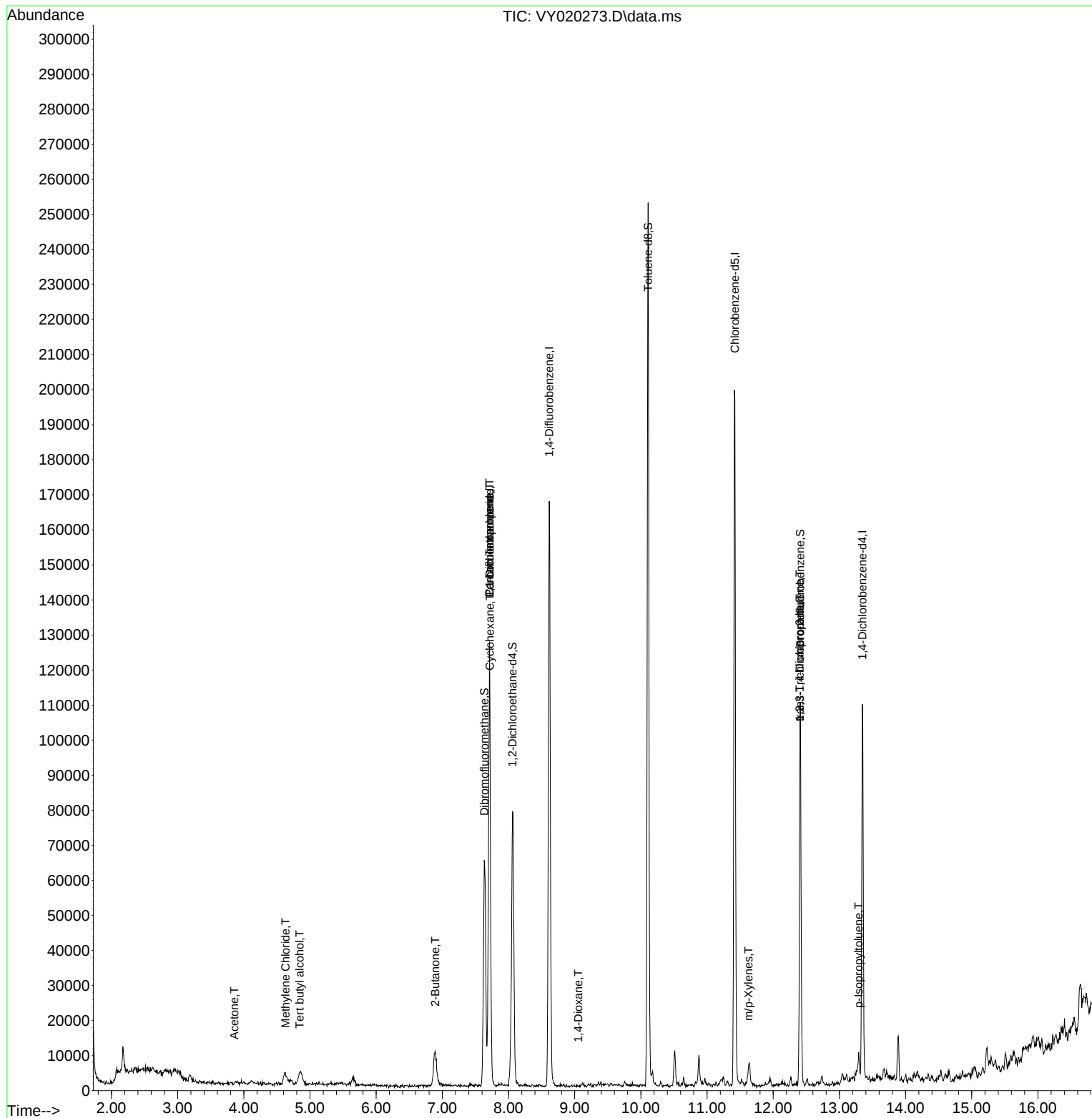
Internal Standards						
1) Pentafluorobenzene	7.713	168	78471	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	133418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	98951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58871	60.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.220%	
35) Dibromofluoromethane	7.634	113	45650	53.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.109	98	158486	46.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.880%	
62) 4-Bromofluorobenzene	12.408	95	29900	27.263	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 54.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	3651	51.827	ug/l	# 82
16) Acetone	3.854	43	365	1.603	ug/l	# 36
20) Methylene Chloride	4.628	84	2240	2.189	ug/l	# 75
25) 2-Butanone	6.890	43	707	2.290	ug/l	# 41
31) Cyclohexane	7.719	56	2462	1.385	ug/l	# 37
36) 1,1-Dichloropropene	7.713	75	7653	5.840	ug/l	# 50
38) Carbon Tetrachloride	7.713	117	9477	7.192	ug/l	# 16
49) 1,4-Dioxane	9.054	88	41	8.032	ug/l	# 20
68) m/p-Xylenes	11.627	106	1763	1.223	ug/l	# 89
76) 1,2,3-Trichloropropane	12.401	75	17409	69.737	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	17409	150.002	ug/l	# 16
86) p-Isopropyltoluene	13.291	119	3772	2.050	ug/l	# 83

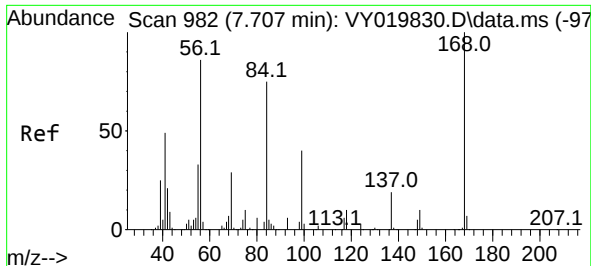
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
Data File : VY020273.D
Acq On : 12 Nov 2024 17:22
Operator : SY/MD
Sample : P4811-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 13 00:38:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

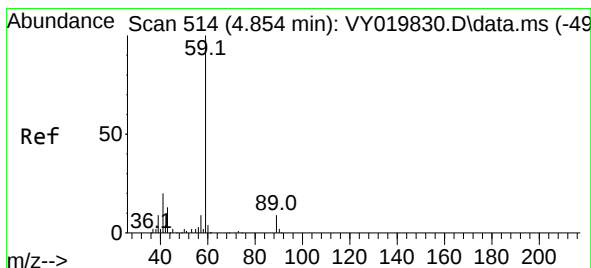
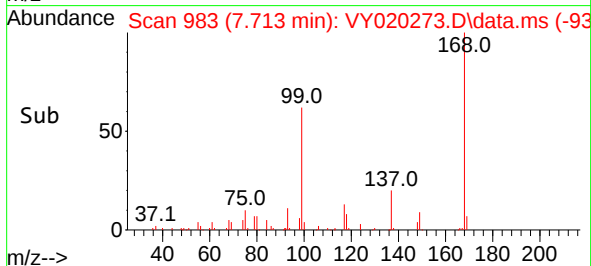
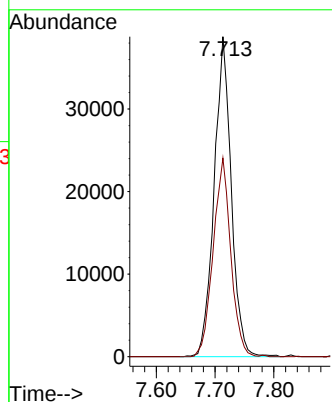
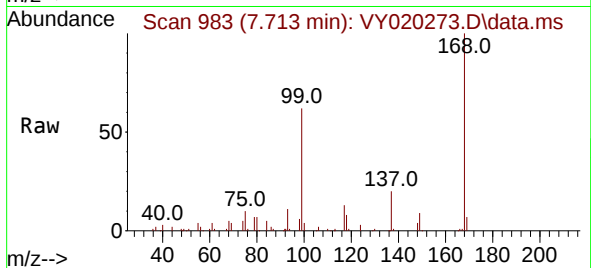




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

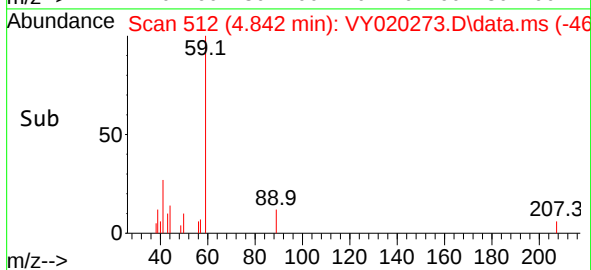
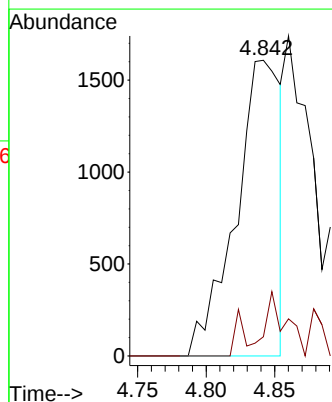
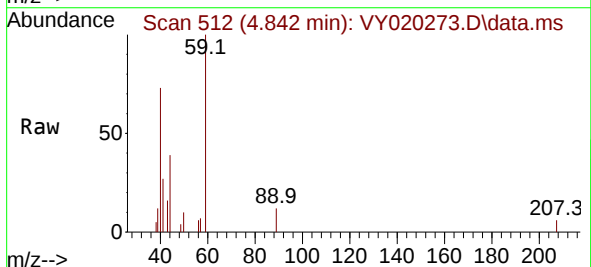
Instrument :
MSVOA_Y
ClientSampleId :

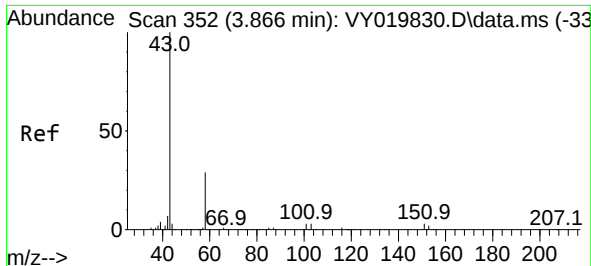
Tgt Ion:168 Resp: 78471
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 51.827 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 59 Resp: 3651
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#

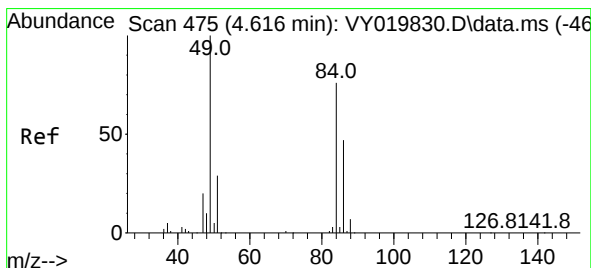
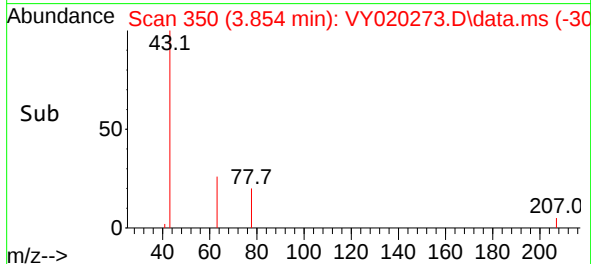
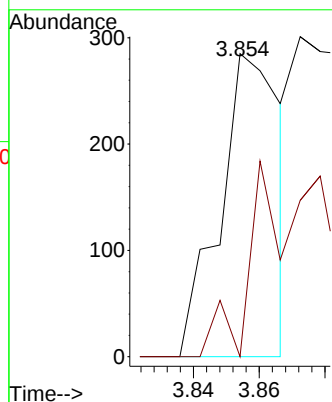
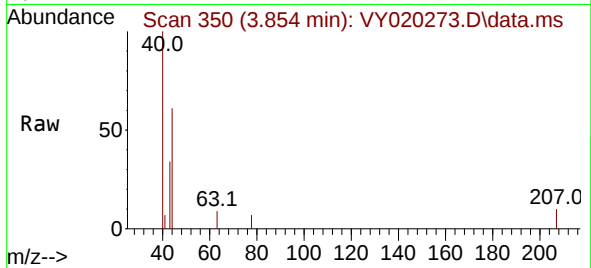




#16
Acetone
Concen: 1.603 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

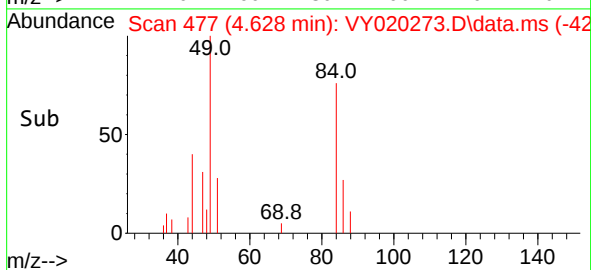
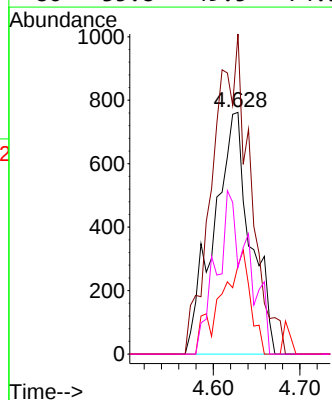
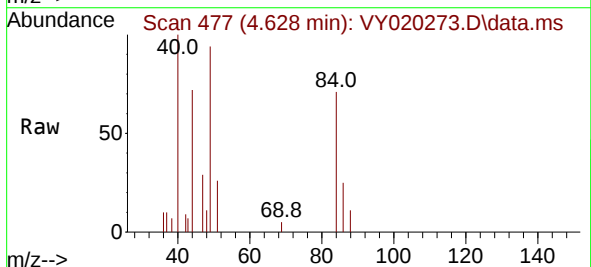
Instrument :
MSVOA_Y
ClientSampleId :

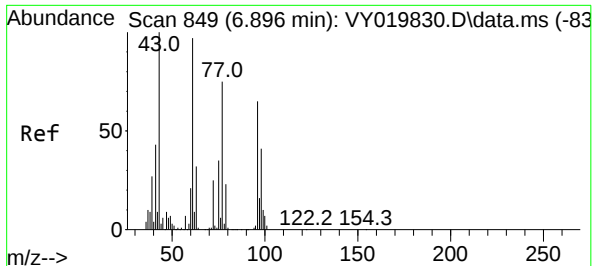
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.189 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 84 Resp: 2240
Ion Ratio Lower Upper
84 100
49 132.4 84.4 126.6#
51 36.5 26.0 39.0
86 35.8 49.5 74.3#





#25

2-Butanone

Concen: 2.290 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

Instrument :

MSVOA_Y

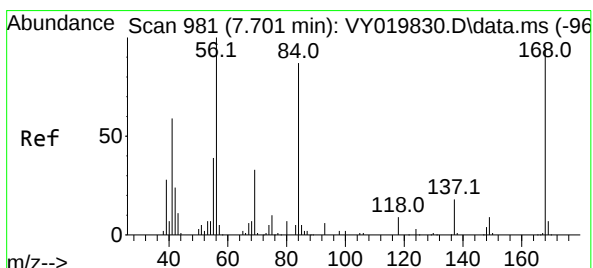
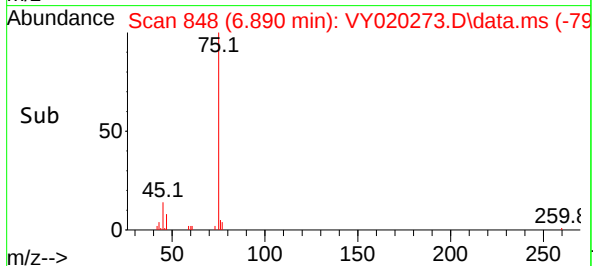
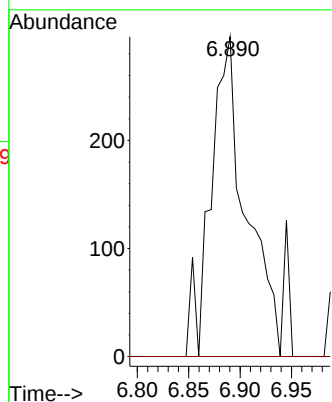
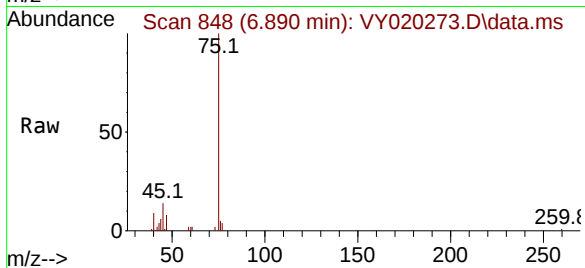
ClientSampleId :

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.385 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.019 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

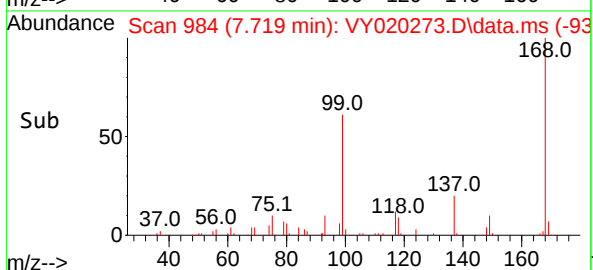
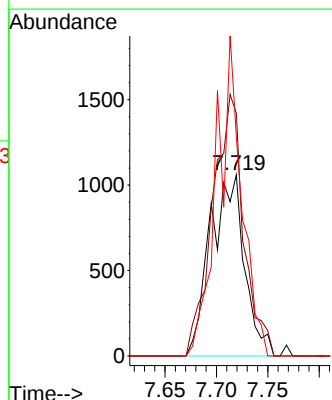
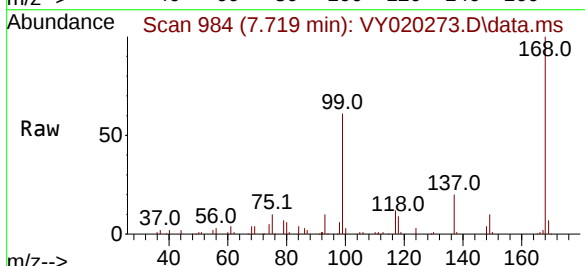
Tgt Ion: 56 Resp: 2462

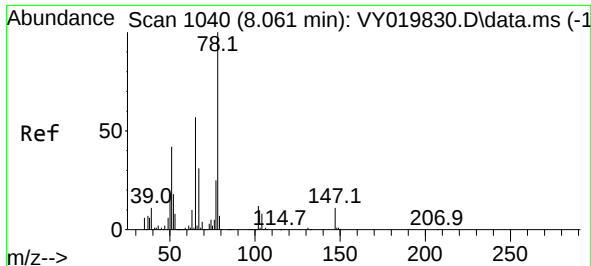
Ion Ratio Lower Upper

56 100

69 134.1 28.7 43.1#

84 120.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.111 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

Instrument :

MSVOA_Y

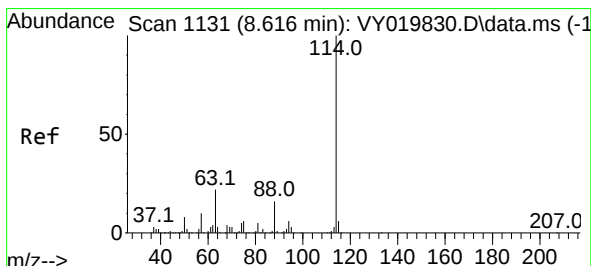
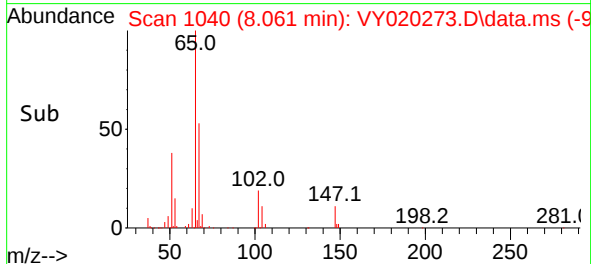
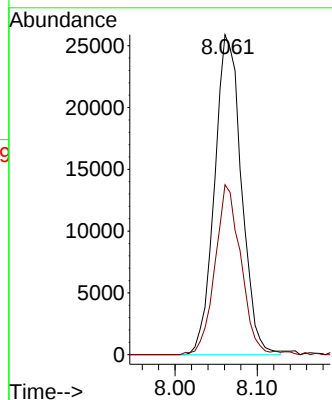
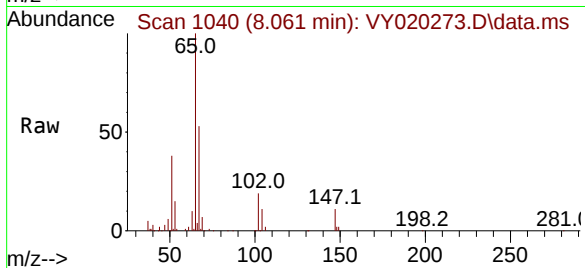
ClientSampleId :

Tgt Ion: 65 Resp: 58871

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

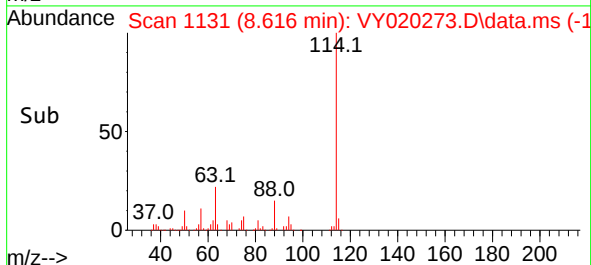
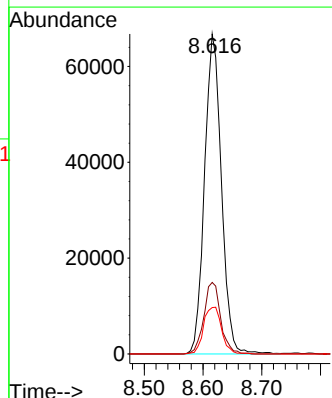
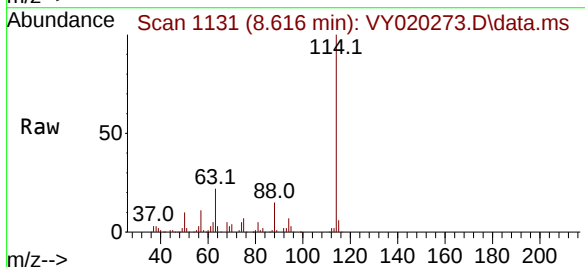
Tgt Ion: 114 Resp: 133418

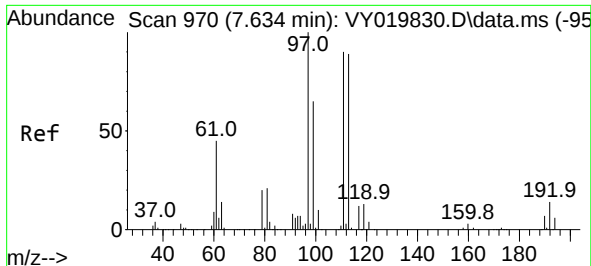
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

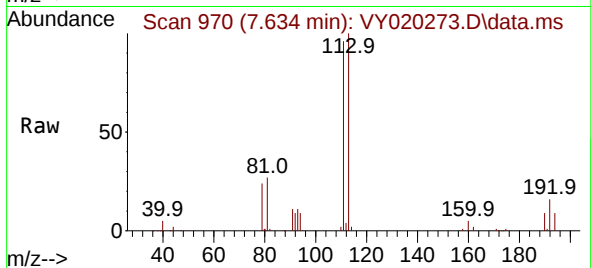
88 14.5 0.0 27.2



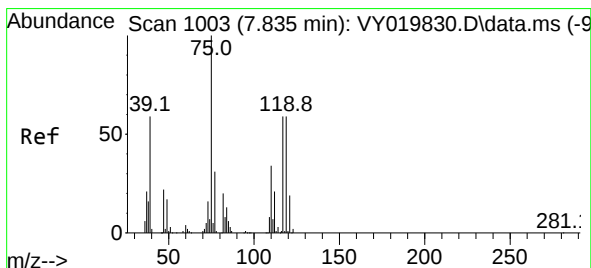
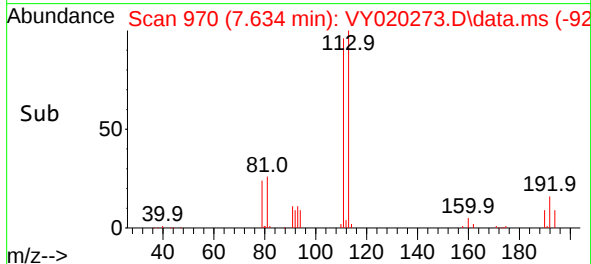
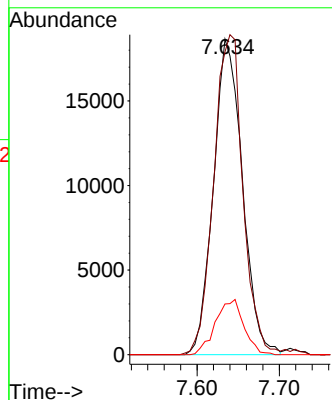


#35
Dibromofluoromethane
Concen: 53.816 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

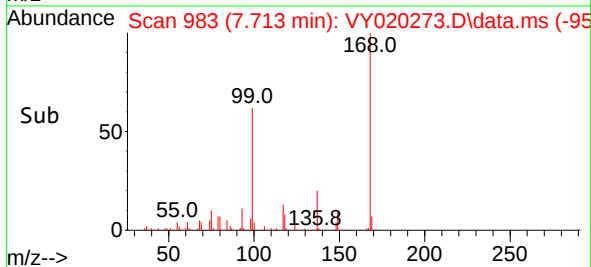
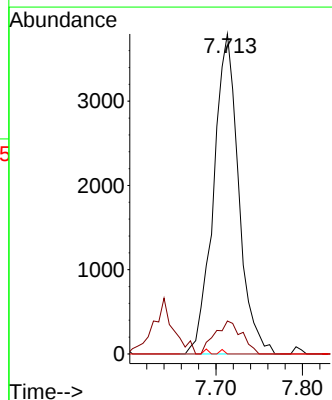
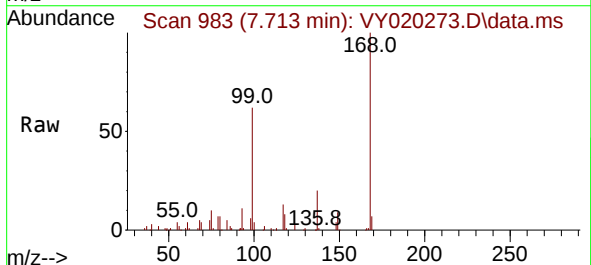


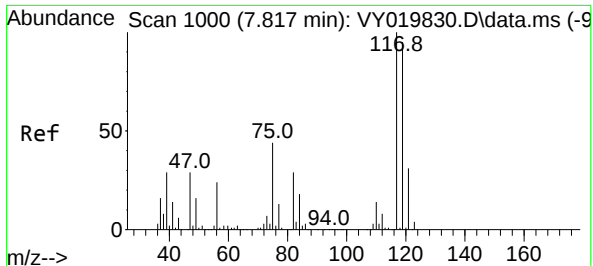
Tgt Ion:113 Resp: 45650
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.840 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

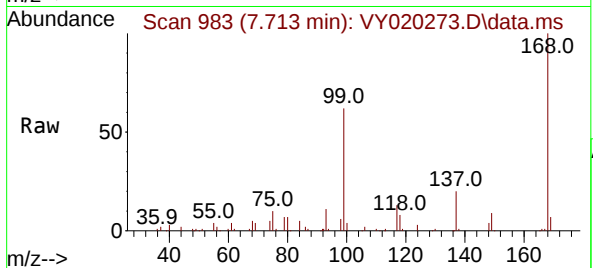
Tgt Ion: 75 Resp: 7653
Ion Ratio Lower Upper
75 100
110 11.0 19.0 57.0#
77 0.3 25.3 37.9#



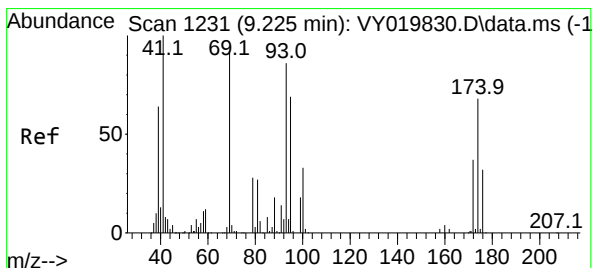
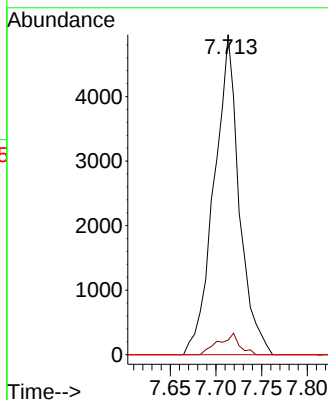
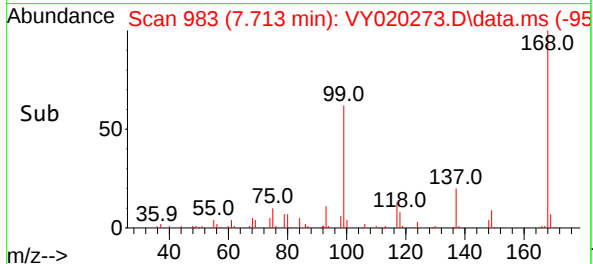


#38
Carbon Tetrachloride
Concen: 7.192 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

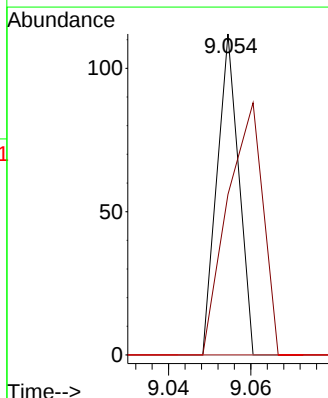
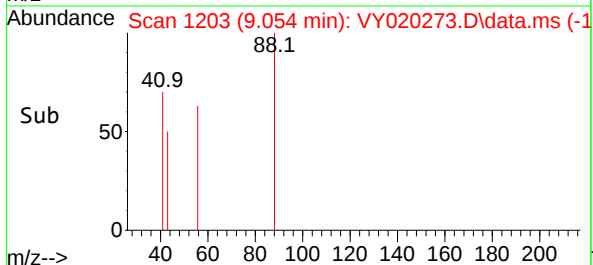
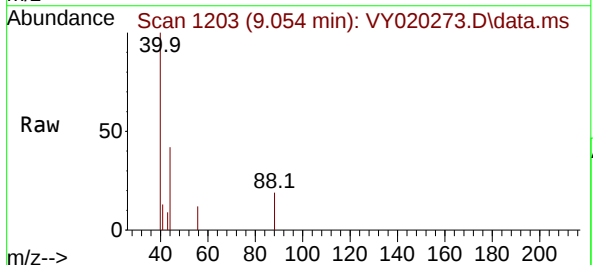


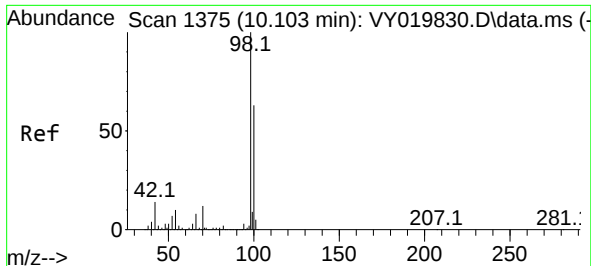
Tgt Ion:117 Resp: 9477
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 8.032 ug/l
RT: 9.054 min Scan# 1203
Delta R.T. -0.177 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 129.3 0.0 0.0#
58 0.0 49.3 73.9#

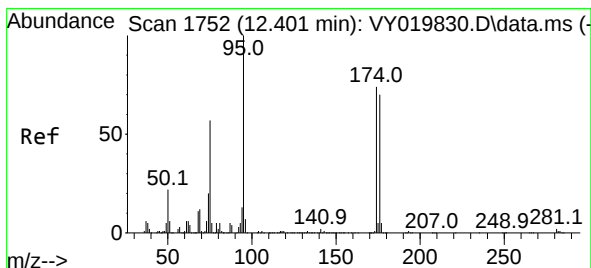
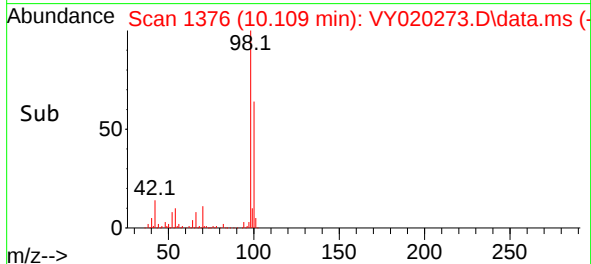
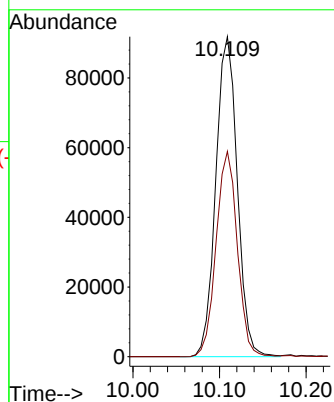
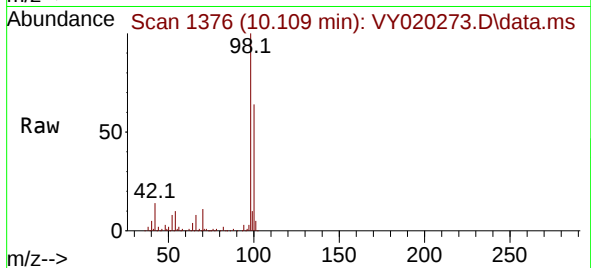




#50
Toluene-d8
Concen: 46.938 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

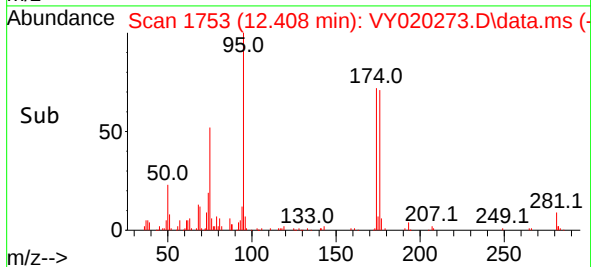
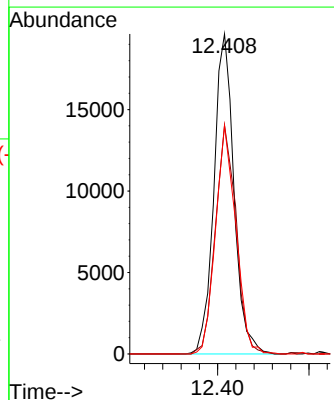
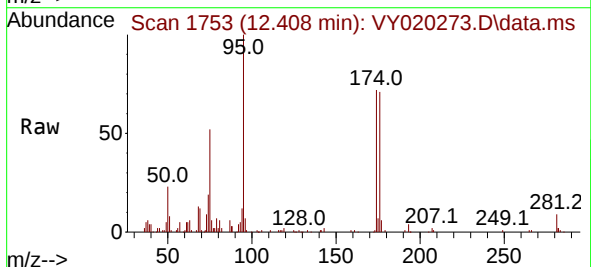
Instrument :
MSVOA_Y
ClientSampleId :

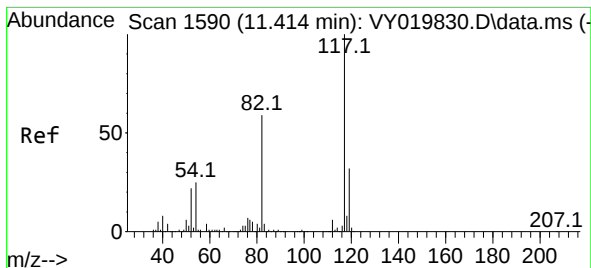
Tgt Ion: 98 Resp: 158486
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.263 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 95 Resp: 29900
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020273.D

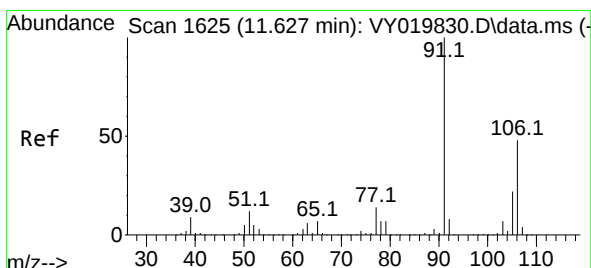
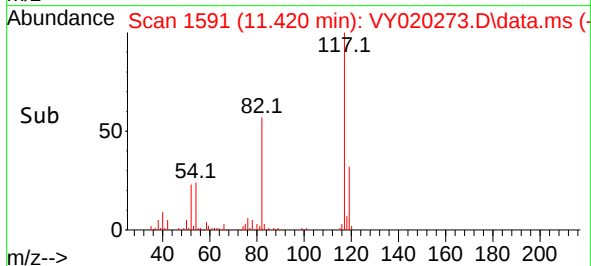
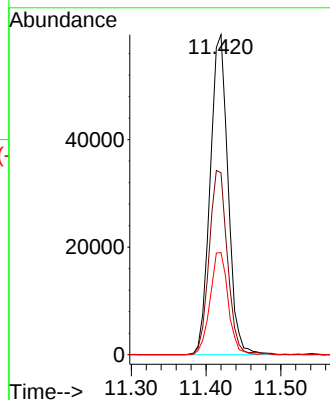
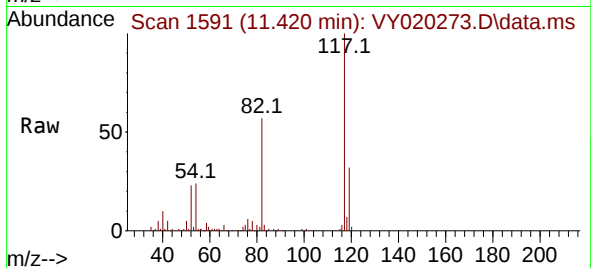
Acq: 12 Nov 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	98951
Ion Ratio	Lower	Upper
117	100	
82	56.8	42.4 63.6
119	31.9	25.9 38.9



#68

m/p-Xylenes

Concen: 1.223 ug/l

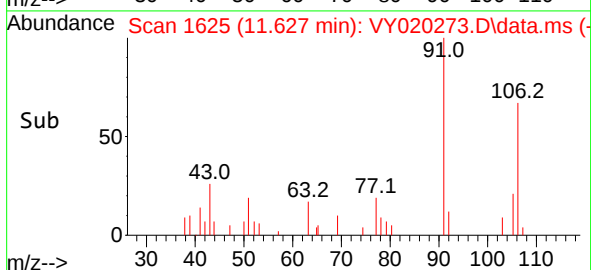
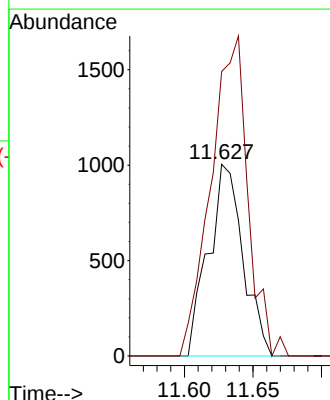
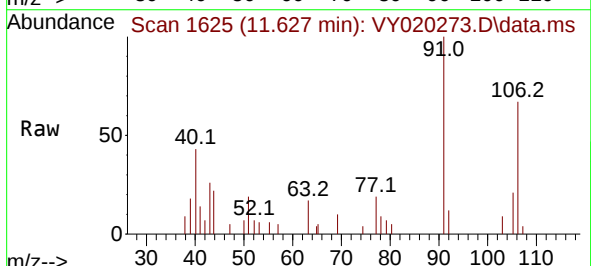
RT: 11.627 min Scan# 1625

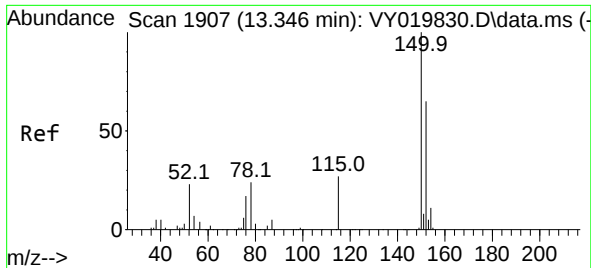
Delta R.T. -0.006 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

Tgt Ion:106	Resp:	1763
Ion Ratio	Lower	Upper
106	100	
91	179.0	156.0 234.0

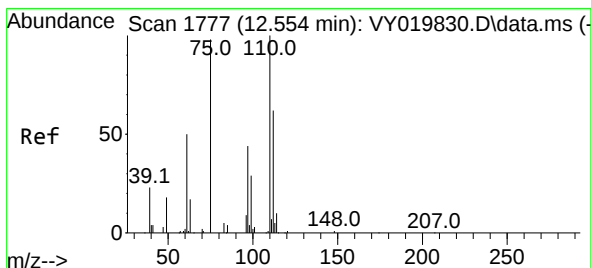
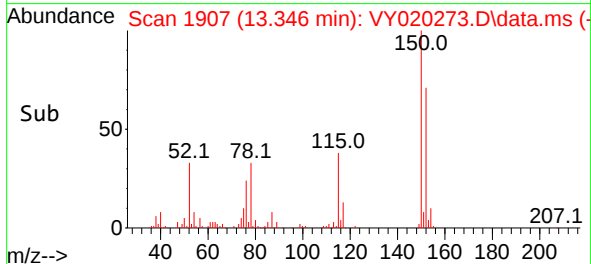
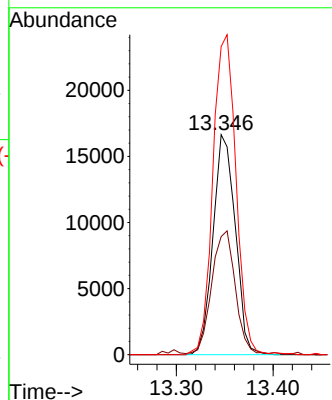
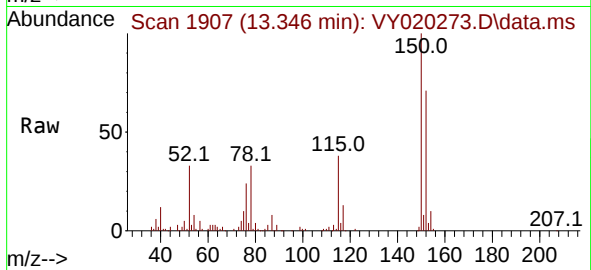




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020273.D
 Acq: 12 Nov 2024 17:22

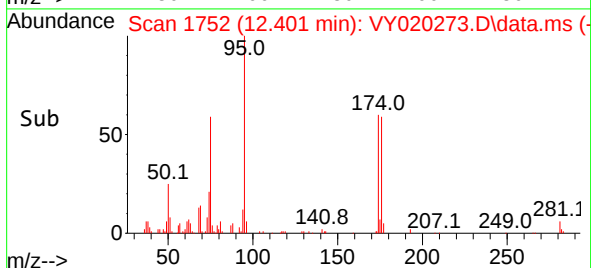
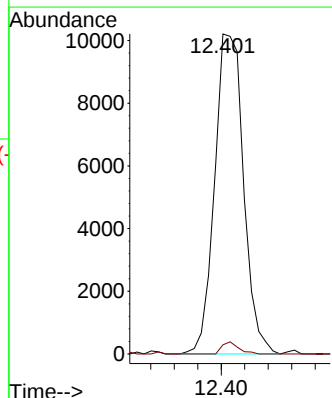
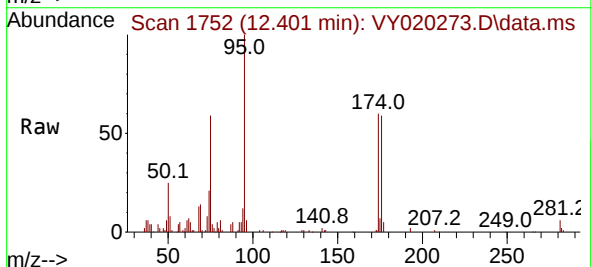
Instrument :
 MSVOA_Y
 ClientSampleId :

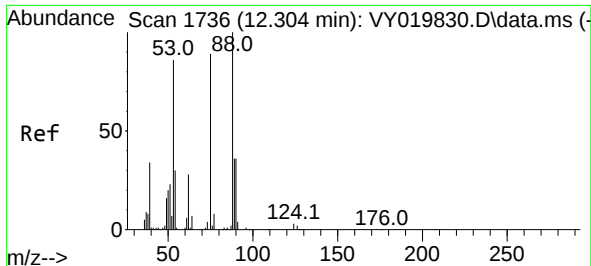
Tgt Ion:152 Resp: 26631
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.7
 150 150.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 69.737 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020273.D
 Acq: 12 Nov 2024 17:22

Tgt Ion: 75 Resp: 17409
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#

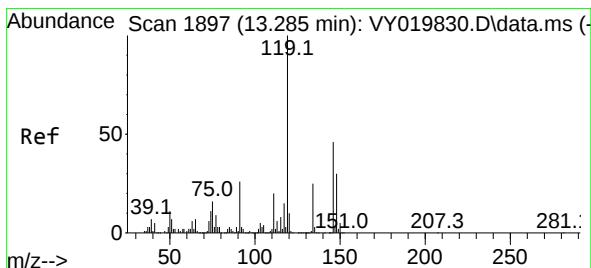
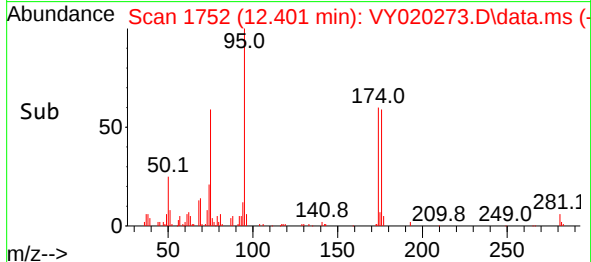
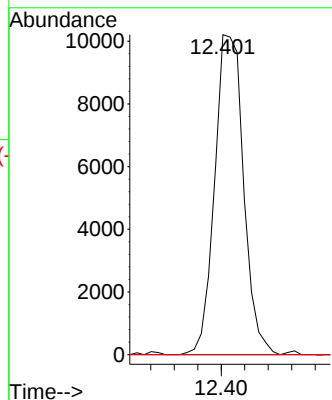
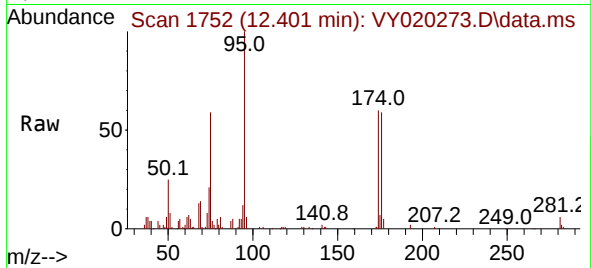




#81
trans-1,4-Dichloro-2-butene
Concen: 150.002 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17409
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#86
p-Isopropyltoluene
Concen: 2.050 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 119 Resp: 3772
Ion Ratio Lower Upper
119 100
134 27.3 13.1 39.3
91 37.8 10.7 32.1#

